



379160

ENVIRONMENTAL PROTECTION AGENCY

RECEIVED

BUREAU OF SOLID WASTE

MAY 12 1971

APPLICATION MUST BE
SUBMITTED IN DUPLICATEENVIRONMENTAL PROTECTION
STATE OF ILLINOISAPPLICATION FOR PERMIT FOR CONSTRUCTION, INSTALLATION, MODIFICATION OR OPERATION OF
SOLID WASTE DISPOSAL SITE AND TO REGISTER SITE IN ACCORDANCE WITH THE ENVIRONMENTAL
PROTECTION ACT

City of North Chicago, Illinois

1. Name of Owner (If corporation list name of corporation and name and address of officers)

Argonne Drive and Lewis Avenue

North Chicago

Address of Owner

National Disposal Service

Barrington, Illinois

2. Name of Site Operator

Address - City, County, Corp. or Company

North Chicago Sanitary Landfill

3. Name of Site or Facility

Address of Installation: (Street, City, County, Zip Code)

North Chicago, Illinois

(Inside incorporated limits--City Named)

(Outside city limits--Indicate Township)

Location of Project

Lake

(County)

North Chicago, Illinois

(Municipality, etc.)

Application is hereby made to the Environmental Protection Agency of the State of Illinois
for the issuance of a permit TO INSTALL

Sanitary Landfill

(Describe briefly the site or facility for which application is made)

and to operate said

facility as more fully shown on accompanying detail plans and specifications prepared by

Mallan C. Foster Engr. Genl.

(Name of owner or engineer)

(If engineer, Illinois Registration Number)

Acting as my agent (Delete if not applicable)

So d plans consisting of two (2) sheets and entitled Topographic Map

Operating Plan and Nine Sheets Entitled Operating Schedule being made a part hereof.

Solid waste disposal site or utility: By indicating their approval hereon, the signers hereby attest that the proposed refuse or solid waste disposal site or proposed site improvements or additions thereto will be under proper supervision of a qualified operator or other responsible person.

FOR CONSTRUCTION OR ESTABLISHING APPROVAL

Date 5-20-71

Leo F. Kunkela
(Signature of Applicant or Agent)

[Signature]
Title: Owner/Installer or Agent

FOR OPERATION AND MAINTENANCE APPROVAL

(Owner, Installer, or Agent)

(Title)

Attested

April 22, 1971
(Date)

[Signature]
(Signature)

[Signature]
(Title)

THE FOLLOWING INFORMATION IS REQUESTED

1. Size of area in acres 4.6 . Also give length and width Approximately 330'X680' feet.
2. Volume and/or weight of waste anticipated per day 300 to 325 / day per month 8112 average
per year 97,344 average .
3. The number of days per week the site will be open for operation 6 days .
4. Population to be served 30,000 persons .
5. Type of waste or refuse to be handled at this site household refuse and building debris
(Garbage, Brush, Concrete, Chemical or Toxic
Materials, etc.)
6. Distance to the nearest water well 265' ; to the nearest residence 225'
7. Depth to the water table from the proposed base of landfill operation in feet 1' @ maximum
high groundwater levels.

8. Proposed map with contour intervals not greater than 5 feet.

9. Length, width and depth of proposed trench Not applicable as Landfill is to be operated as an area type landfill.

maximum number of trenches at one time if trenches are used. _____

10. Equipment to be used:

(a) Number & Type of Units One Front-End Loader (Track Type) (b) Size of Each 40,000 pds.

11. Indicate method of handling and treatment of any leachate. Show on topo map method of diverting surface or storm water

runoff and the stream or water course; indicate the frequency in days per year the site will be subject to being flooded

A. Method of diverting surface water - Please note operating plan.

B. Frequency in days per year site subject to flooding

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12. What method and/or equipment is proposed for the control of fires CITY WATER MAIN & FIRE HYDRANTS

ON SOUTH END OF SITE IN 14TH STREET.

13. The area proposed will be adequate to serve the area population for a number of years 1.3 years

to 1972.

14. SUBMIT A LEGAL DESCRIPTION OF SITE.
LOT 2, BLOCK 1 AND LOTS 1 & 2, BLOCK 4 IN F.H. BARTLETT'S 1ST ADDITION TO NORTH
SHORE PARK, A SUBDIVISION OF PART OF SECTION 31, TOWNSHIP 45 NORTH, RANGE 12 EAST
OF THE THIRD P.M.

TO BE COMPLETED BY ENGINEER OR OWNER

LOCATION SKETCH. Show area of site or facility, closest water well, habitation, quarter section, section, township and range. (This information is in addition to the detail plans and specifications for construction and operation)

SEE ATTACHED PLAT OF SURVEY FOR AREA OF LAND FILL OUTLINED
IN RED.



FF
dis
ba
indicate storm water run-off, outlet for any leachate, type of treatment or containment of such,
stream or water course. Also indicate distances and dimensions of facilities (such as holding
pumping station, pond, etc.).

THE LANDFILL SITE IS TO ENCOMPASS EXCAVATING THE HILLSIDE
AND MOVING THE EXISTING SHALLOW POND TO THE WESTERN
EDGE OF THE PROPERTY & THERE CONSTRUCT A DEEP POND
SO THAT ANY LEACHATE THAT ESCAPES FROM THE
BERM AREA CAN BE COLLECTED AND TREATED FURTHER
IF THIS BECOMES NECESSARY. I DO CONCUR WITH THIS
APPROACH AND DO ENDORSE THE SAME.

Frank J. Fuler

ILLINOIS REGISTERED PROFESSIONAL
ENGINEER # 20063

(SEE ATTACHED DEVELOPMENT PLANS).

NOTE:

1. Show on your plans and give complete details of operator's shelter and sanitary facilities.
2. Indicate height and type of fencing around site.
3. It may be necessary for the Agency to obtain an Illinois State Geological survey of the area before a permit is issued.
4. An on-site inspection by a representative of the Environmental Protection Agency will be necessary before a permit can be issued.